

MALLINCKRODT INC.,SCIENCE PRODUCTS DIVISION -- ETHYL ACETATE AR -- 6810-00-069-2957
===== Product Identification =====

Product ID:ETHYL ACETATE AR

MSDS Date:01/01/1987

FSC:6810

NIIN:00-069-2957

MSDS Number: BCXGB

=== Responsible Party ===

Company Name:MALLINCKRODT INC.,SCIENCE PRODUCTS DIVISION

Address:PARIS BYPASS

Box:M

City:PARIS

State:KY

ZIP:40361

Country:US

Info Phone Num:314-982-5000

Emergen

cy Phone Num:314-982-5000

Preparer's Name:NOT PROVIDED

CAGE:62910

=== Contractor Identification ===

Company Name:MALLINCKRODT SPECIALTY CHEMICALS CO

Address:222 RED SCHOOL LANE

Box:City:PHILLIPSBURG

State:NJ

ZIP:08865

Country:US

Phone:908-859-2151

CAGE:62910

===== Composition/Information on Ingredients =====

Ingred Name:ETHYL ACETATE (SARA III)

CAS:141-78-6

RTECS #:AH5425000

Fraction by Wt: >99%

OSHA PEL:400 PPM

ACGIH TLV:400 PPM; 9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 L

BS

=====
===== Hazards Identification =====

Effects of Overexposure:INH:IRRITNT TO NOSE/RESP TRCT;ING:CAUSES
DIARRHEA,SORE THROAT;SKIN:DEFATS,IRRIT,EYES:IRRITATION.

=====
===== First Aid Measures =====

First Aid:INHAL:REMOVE TO FRESH AIR.GIVE CPR/OXYGEN IF NEEDED;INGEST:IF
SWALLOWED,GIVE TWO GLASSES OF WATER & INDUCE VOMIT.NOTHING BY MOUTH
IF UNCON;SKIN/EYE EXPOSURE:RMV CONTMNTD CLOTHG.WASH SKIN W/SOAP &
H*2O .FLUSH
SKIN/EYES W/LG H*2O;GET MED HELPIIMMEDIATLY

=====
===== Fire Fighting Measures =====

Flash Point:-4.4C(24F)-C.C.
Autoignition Temp:Autoignition Temp Text:427C
Lower Limits:2.2
Upper Limits:11.0
Extinguishing Media:DRY CHEMICALS,FOAM,CO*2;WATER SPRAY TO KEEP EXPOSD
CANS COOL
Fire Fighting Procedures:USE H*2O TO COOL EXPD CONTRS. USE SCBA & FULL
PROT.CLTHG.
Unusual Fire/Explosion Hazard:ABOVE FLASH POINT,VAP-AIR MIXTURES ARE
EXPLOSIVE WITHIN FLAMMABLE LIMIT
S;AUTO IGN TEMP:427C(800F)

=====
===== Accidental Release Measures =====

Spill Release Procedures:RMV IGN SOURCES.VENT AREA.USE RESP PROTCTION &
PROTCTV CLOTHG.KEEP OUT OF SURF H*2O,SEWRS/CONFND AREAS;SM
SPILL:ABSORB W/PAPER TOWELS.EVVAP UNDER FUME HOOD THEN BURN
CAREFULLY;LG SPILL:DIKE AREA.CONTA IN & RECOVER SPILL IF POSS;SHOVL
RESDUEINTO DRUMS

=====
===== Handling and Storage =====

Handling and Storage Precautions:PROTCT A

GAINST PHYSICAL DAMAGE.STORE

IN COOL, DRY WELL VNTLTD AREA AWAY FM ING/HEAT SOURCES, OXIDZG
MATL. OUTSIDE OR DETACHED STORAGE IS PREFERRED.

Other Precautions: KEEP AWAY FROM HEAT, SPARKS, FLAMES. KEEP CONTNRS
CLOSED. USE W/ADEQUATE VENT. AVOID BRTHG DUST. WASH THOROUGHLY AFTER
HNDLG. VOND/GROUND CONTNRS WHEN TRNSFRG MATERL. USE NON-SPARKG TYPE
TOOL & EQUIP.

=====
===== Exposure Controls/Personal Protection =====

Respiratory Protection: FULL FACE RESPIRATOR

Ventilation: LOCAL E

XHAUST TO MAINTN BELOW TLV.

Protective Gloves: IMPERVIOUS

Eye Protection: GOGGLES/FACE SHIELD

Other Protective Equipment: FULL PROTECTIVE CLOTHING, SAFETY SHOWER, EYE
WASH STATION

Supplemental Safety and Health

MSDS FM MR DATED: 22 AUG 85, CONFORMS TO OSHA HAZ COMM STD.

=====
===== Physical/Chemical Properties =====

HCC: F2

NRC/State Lic Num: NOT RELEVANT

Boiling Pt: =77.2C, 171.F

Vapor Pres: 76

Vapor Density: 3.0

Spec Gravity: 0.9

Evaporation Rate & Reference: 6 (BUT ACETATE=1)

Solubility in Water: MODERATE

Appearance and Odor: COLORLESS LIQUID. PLEASANT FRUITY ODOR.

Percent Volatiles by Volume: 100

=====
===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZERS, STRONG ALKALIES/ACIDS. NITRATES.

Stability Condition to Avoid: HEAT, IGNITION SOURCES

Hazardous Decomposition Products: CO, CO*2 WHEN HEATED TO DECOMPOSITION

Conditions to Avoid Polymerization: HEAT WILL CONTRIBUTE TO

INSTBLTY. SLOWLY DECOMPOSED BY M

===== Disposal Considerations =====

Waste Disposal Methods: LG SPILL & LOT SIZES OF HAZ WASTE CAN BE ATOMIZED IN A RCRA APPRVD COMBUSTION CHAMBER OR DISPOSED OF IN A RCRA APPROVED LAND FILL FACILITY. DO NOT FLUSH TO SEWER. ENSURE COMPLIANCE W/ FED, STATE, & LOCAL REGS; REPORTABLE QTY (RQ) (CWA/CERCLA); 5000LBS

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.